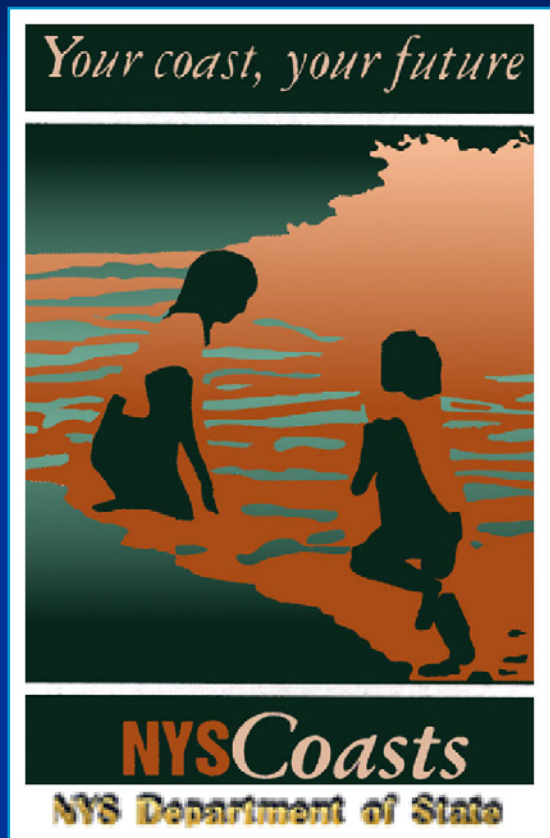


Partnering to Protect Water Quality



New York State Department of State
Division of Coastal Resources

NYS Coastal Management Program

- Local Waterfront Revitalization Programs
- Watershed Management Plans
- Brownfield Opportunity Areas Program
- New York's Coastal Nonpoint Pollution Control Program

NYS Coastal Management Program

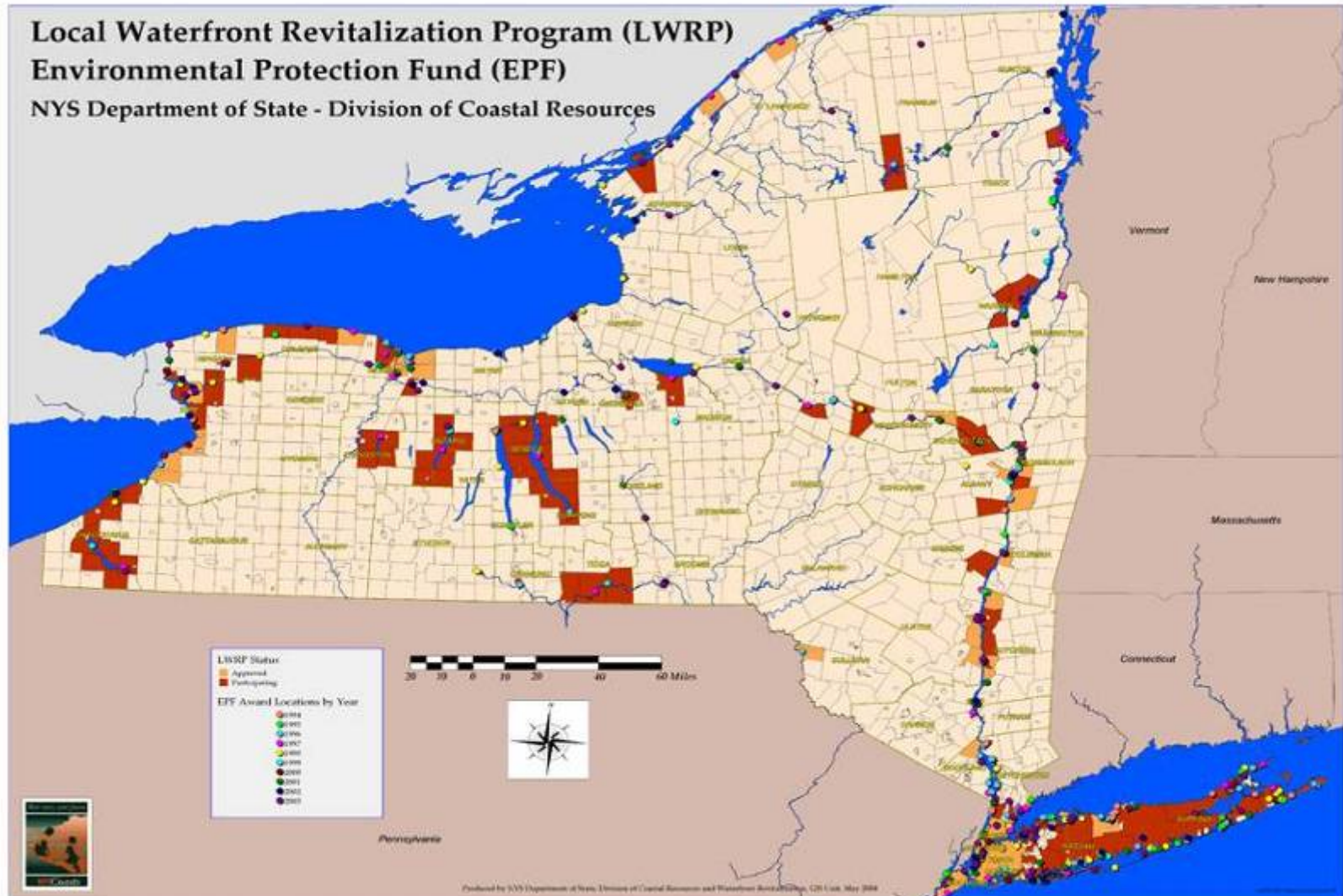
■ 1982

- 25th state to have a federally approved program
- 25 communities
- 3,200 waterfront miles

■ 2005

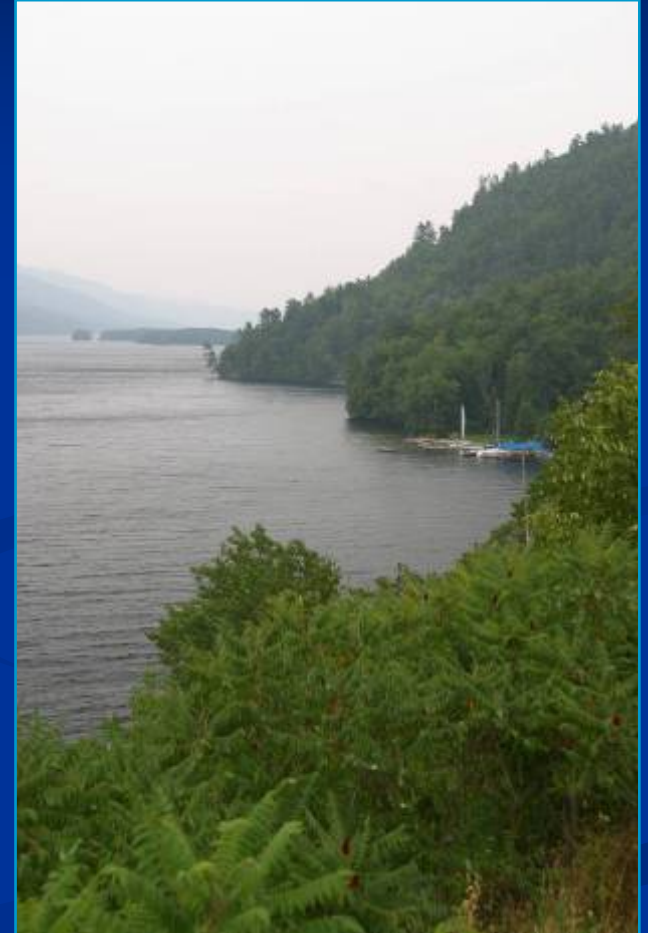
- 200 communities
- 5,000 waterfront miles
- 3,500 square miles of associated watersheds

NYS Coastal Management Program



Current Priorities

- Urban Waterfront Revitalization
- Maritime Heritage
- Harbor Management Planning
- Enhancing Access/Recreation
- Water Quality Protection & Restoration
- Habitat Protection & Restoration
- Flooding/Erosion Hazard Avoidance & Mitigation



Advancing Priorities

- Technical Assistance
 - community visions and plans
- Financial Assistance
 - planning, design, and implementation
- Partnerships with state agencies and non-profits
 - advance local programs

Framework for Action

- Planning Framework
 - Regional Coastal Management Program
 - Local Waterfront Revitalization Programs
 - Watershed Management Plans

- Current Implementation Financing
 - NYS Environmental Protection Fund - \$72 million
 - NYS Clean Water/Clean Air Bond Act - \$17.5 million
 - Federal Great Lakes Coastal Restoration Grants - \$4.5 million (NOAA/OCRM)

Waterfront Redevelopment Objectives



- Redevelop deteriorated areas revitalize communities
- Guide development
- Avoid sensitive areas
- Increase access to the waterfront

Water Quality Protection & Restoration

Nonpoint Pollution Control

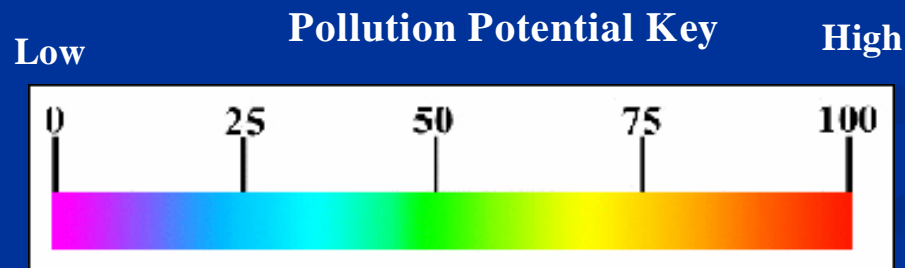
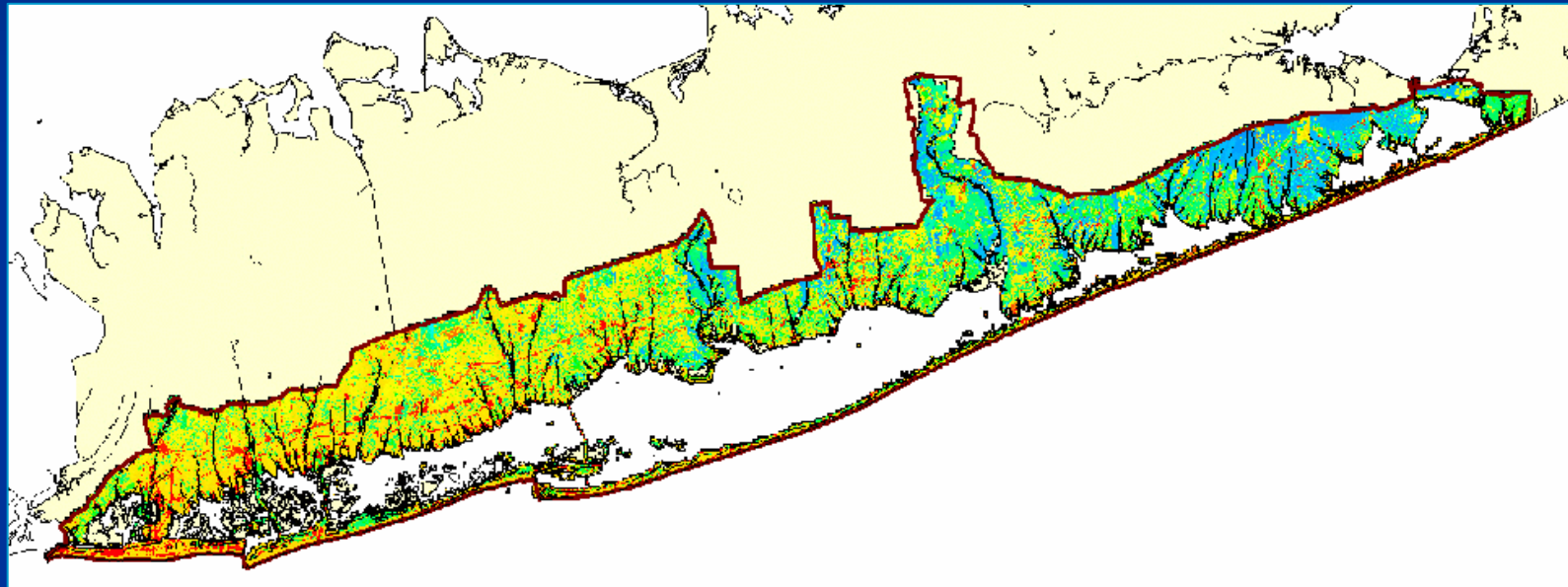
- Stormwater runoff
- Habitat & Hydrologic modification
- Agricultural NPS Abatement & Control
 - NYS Department of Agriculture & Markets
- Septic Systems Management
 - NY Onsite Wastewater Training Network,
 - NYS Department of Health
 - NYS Department of Environmental Conservation

New York Assessments and Models

- Municipal Nonpoint Assessments
 - Assess municipal capacity
- Nonpoint Pollution Potential Model
 - Assists communities with water quality management decision making
 - graphic site assessments
 - qualitative watershed analysis
 - quantitative models
 - Model being enhanced to be a better predictive tool

Long Island South Shore Estuary Reserve

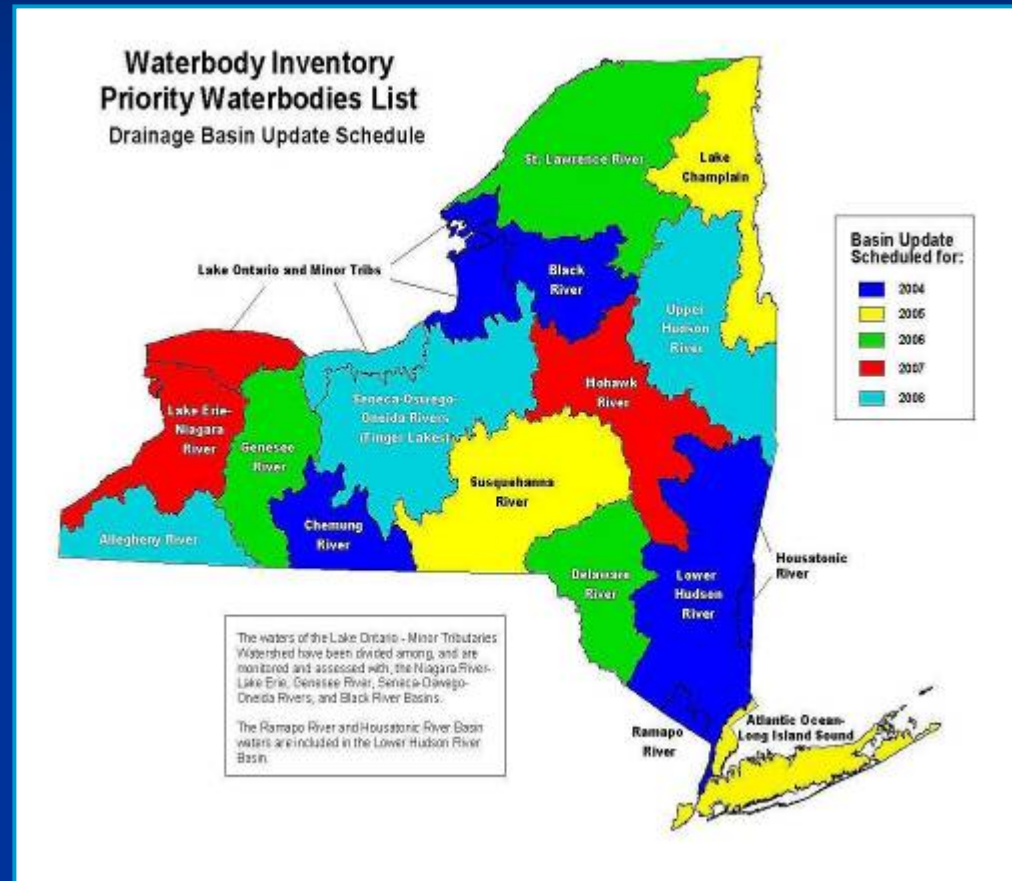
Stormwater Pollution Potential Model



Large Scale Management Plans

- Major Drainage Basins, e.g.

- Long Island South Shore Estuary
- Susquehanna River headwaters
- Hudson River



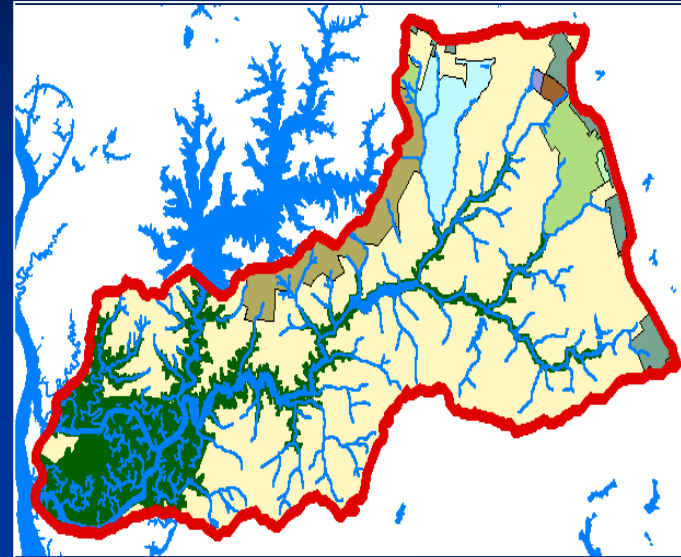
NYS Framework for Local Watershed Management Plans

- Inter-municipal approach
- Serves as consensus among local and State governments
- Focuses limited available funding
- Provides an implementation strategy

Partnering with Municipalities

■ Completed-

- Long Island Sound
- South Shore Estuary Reserve
- Finger Lakes Region
 - Cayuga Lake (50)
 - Conesus Lake (7)
 - Canandaigua Lake (14)



■ In-Progress-

- Honeoye Lake
- Bronx River
- Brown's and Green Creeks, Great Cove
- Scudder Pond
- Irondequoit Bay
- Oneida Lake

Partnering to Protect Water Quality

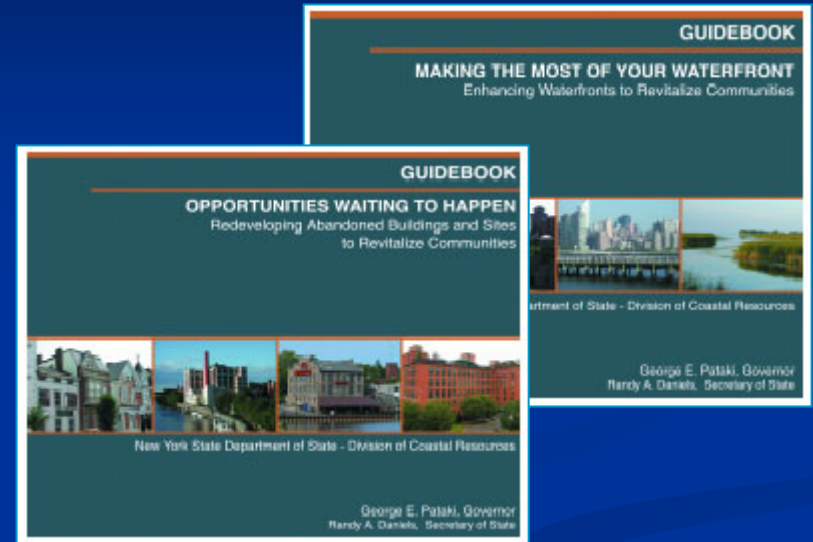


Horsley Witten Group
Sustainable Environmental Solutions

The Watershed Planning Project

Resulting Products:

- Video
- Companion guidebook
- User friendly web-based materials



Goals of the Project



- Provide guidance
- Illustrate, through case studies
- Integrate with Phase II stormwater management
- Where to go for help

Scale of planning that reflects local goals as well as state goals is needed



State Assistance Grants

Watershed Planning

- Clean Water - Clean Air Bond Act
 - 51 water quality projects
 - \$18.8 million
- Environmental Protection Fund
 - 161 watershed and natural resource projects
 - \$14 million
- Great Lakes Coastal Restoration Program
 - 24 projects
 - \$14.49 million (including leveraged funds)

Watershed Planning Implementation

-Beaver Island State Park



Watershed Planning Implementation

-Stream Restoration Six Mile Creek



Watershed Planning Implementation

-Westchester County



Watershed Planning Implementation

-LI Sound- Scudder's Pond



Watershed Planning Implementation

- Cayuga Lake



Stream Restoration and Protection

- Partnering with NOAA-OCRM and NY State Agencies led by Coastal Management Fellow
 - Watershed based guidance document
 - Assessments
 - Coordination
 - Monitoring



Clean Water/Clean Air Bond Act Projects

- Water quality improvement:
 - nonpoint source abatement and control
 - aquatic habitat restoration
 - wastewater treatment plant upgrades
- Peconic Estuary
 - \$2.5 million
- South Shore Estuary
 - \$6.65 million



Departments of Agriculture and Markets & Environmental Conservation

- Environmental Protection Fund
 - Planning
- Clean Water/Clean Air
 - Implementation
- Agricultural Environmental Management
 - Tiered approach
 - Currently in Round XII of AG NPS Applications



NYS Brownfield Opportunity Areas

Program Purpose

- Planning arm of the Superfund/Brownfields Law of October 2003
- End product: a revitalization plan and implementation strategy for an area affected by the presence of multiple brownfield sites
- Blends land use planning with remedial programs to foster redevelopment of brownfields
- Relies on interagency assistance for implementation

Glen Cove Waterfront

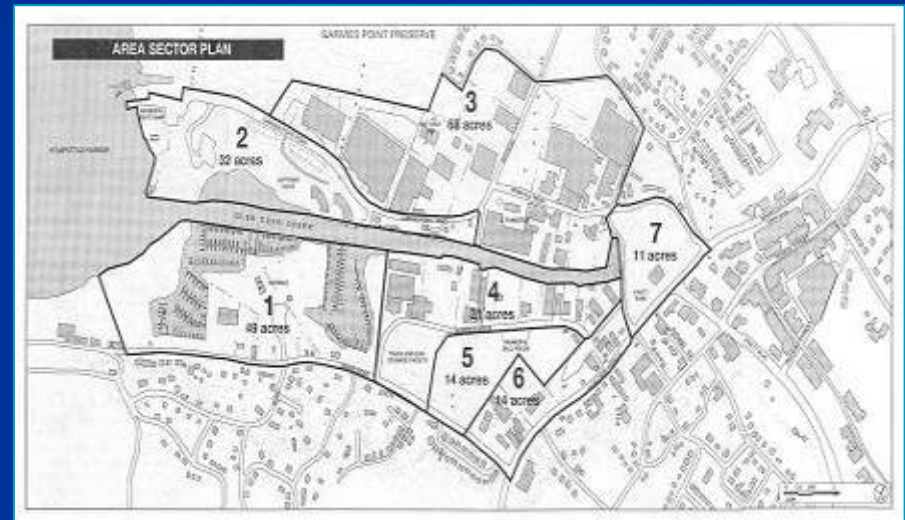
Adverse Conditions

- Blight and highly contaminated land
- Abandoned manufacturing structures
- Crumbling waterfront infrastructure
- Hazardous conditions for commercial and recreational vessels



City of Glen Cove Blueprint for Action

- Area-wide planning approach
- Conditions analysis
- Economic analysis
- Land use and zoning
- Infrastructure improvements
- Transportation improvements
- Environmental improvements



Project Partners

NYS State Agencies

- Department of State
- Department of Environmental Conservation
- Department of Health
- Department of Transportation
- Office of Parks
- Empire Development Corp
- Environmental Facilities Corp

City of Glen Cove

- Mayor's Office
- Community Development Office
- Harbor Master's Office
- Planning & Zoning Board
- Department of Public Works
- Glen Cove Reclamation Committee

Federal Agencies

- US Department of Commerce, NOAA, OCRM
- US Army Corps of Engineers
- US Environmental Protection Agency
- US Housing and Urban Development

Nassau County

- Department of Health
- Community Development Agency
- Department of Public Works

City of Glen Cove

Local Waterfront Revitalization Program

Mill Pond Restoration



City of Glen Cove

Local Waterfront Revitalization Program

Garvies Point Boat Launch



Ingredients for Success

- Local leadership as the plan's primary sponsor
- Involving and engaging the public
- Having a clear, realistic community vision
- An action oriented implementation strategy
- Implementing short term projects to build confidence and support
- Sources to finance projects
- Establishing partnerships and leveraging resources from public and private sectors



■ Ken Smith

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